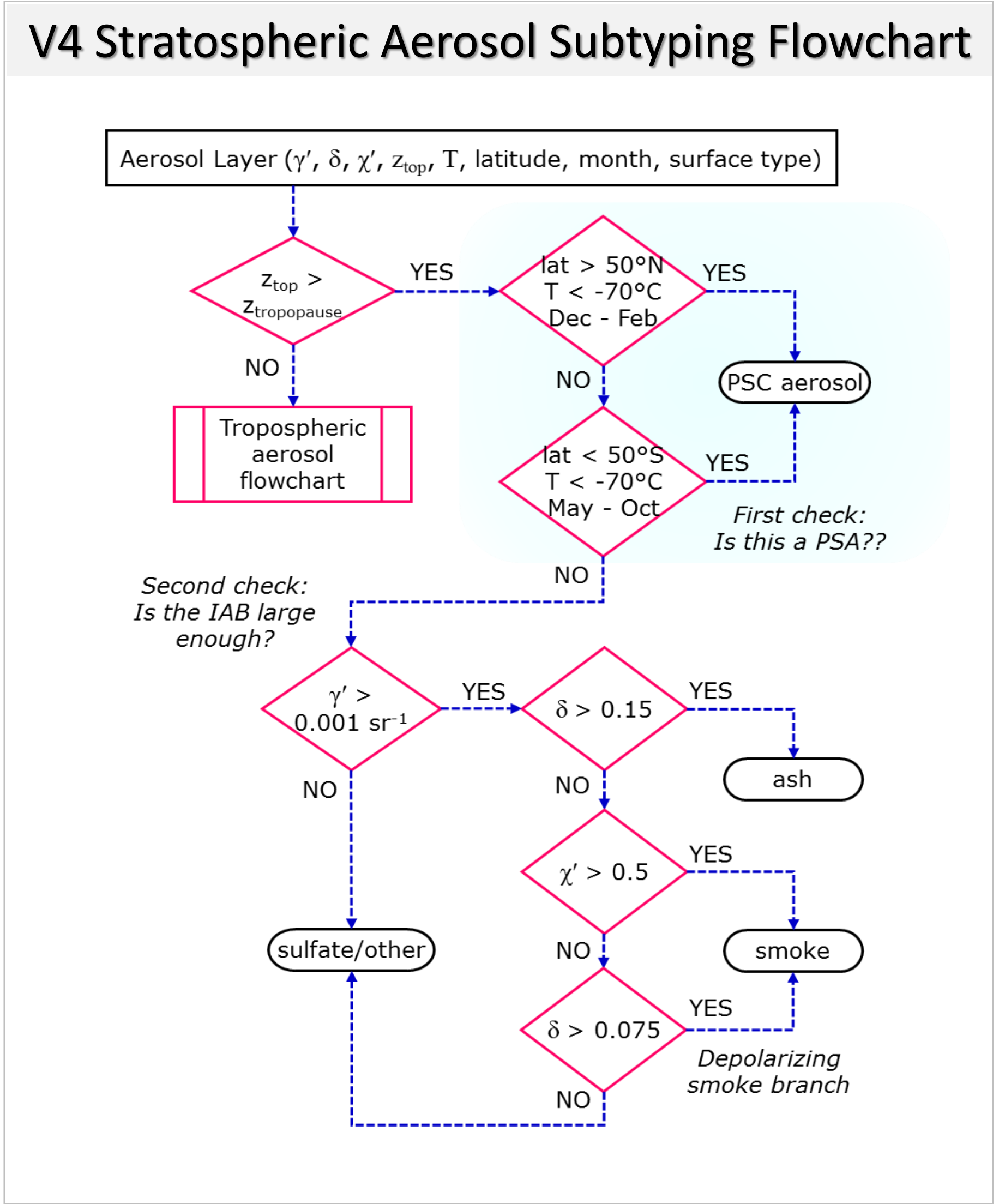
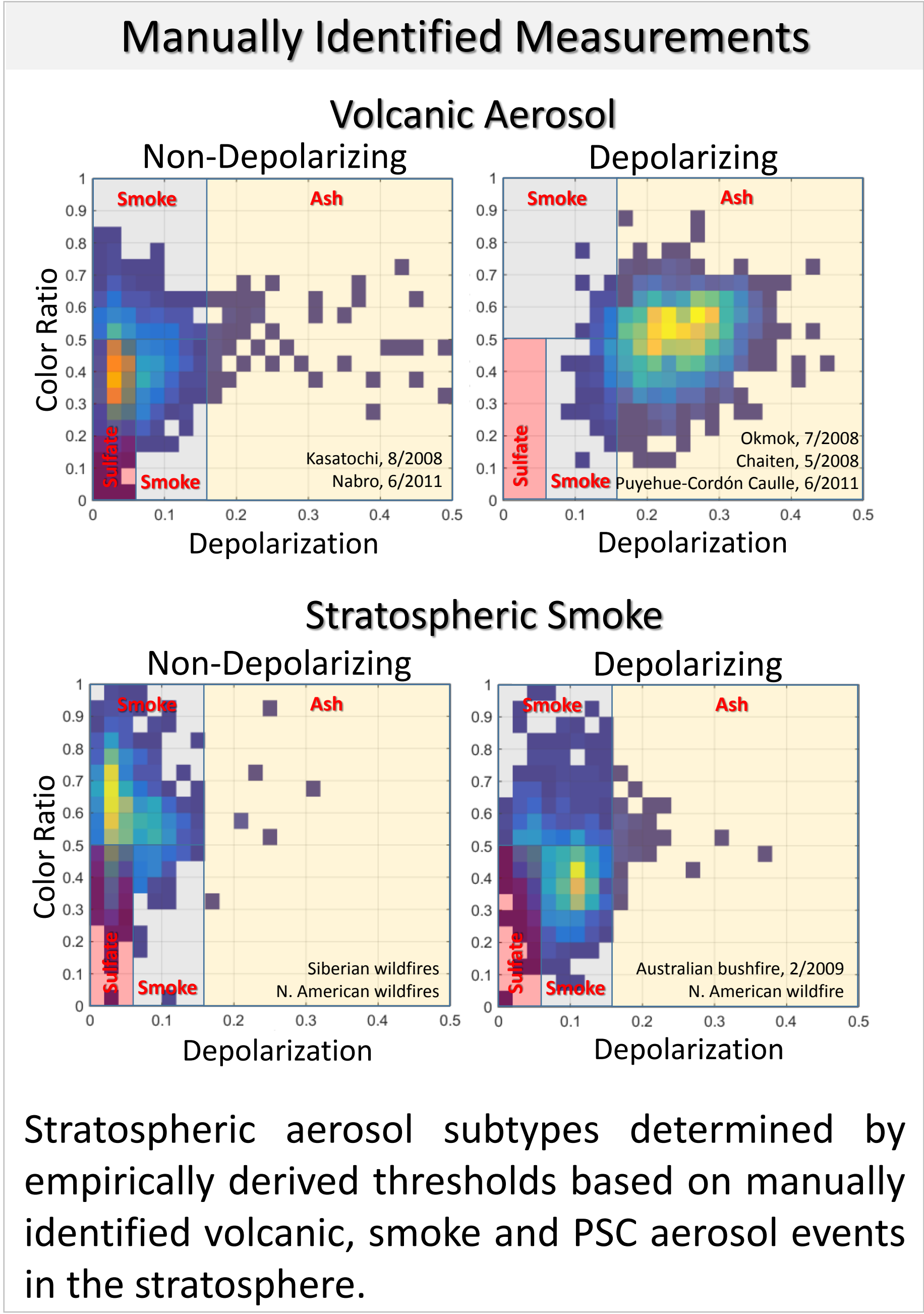
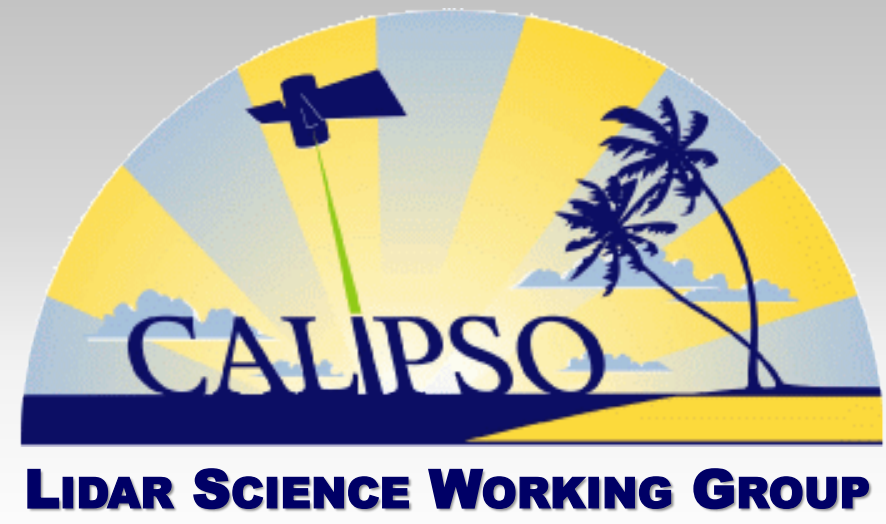


New Stratospheric Aerosol Subtypes Implemented in CALIOP Version 4 Level 2

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Classification of features above tropopause has changed with Version 4:
In Version 3, all features above the tropopause were classified as Stratospheric Features.
In Version 4, these features can now be Cloud or Stratospheric Aerosol.

A new stratospheric aerosol subtyping algorithm is implemented in V4 to identify aerosol commonly found above the tropopause as **Volcanic Ash, Sulfate, Smoke and PSC Aerosol**. Aerosol that is weakly scattering or cannot be typed by the algorithm are given the generic Sulfate/Other classification.

